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(54) LANOLINE FATTY ACID ESTERS, COSMETIC AND EXTERNAL MEDICINE

(57)Abstract:

PURPOSE: To obtain lanoline fatty acid esters, capable of providing the spreadability on the skin, compatibility with the skin, refreshing feeling, etc., thereto and further excellence in combing properties, etc., to the hair and useful as a cosmetic and an external medicine.

CONSTITUTION: The lanoline fatty acid esters are esters selected from respective sterol esters, sugar esters, 2-ethylhexanol esters, higher alcohol esters and polyhydric alcohol esters of specific nonhydroxy-fatty acids and specified hydroxy-fatty acids derived from lanoline. The nonhydroxy-fatty acids comprise 30-45wt.% 10-30C iso type fatty acids, 30-50wt.% 11-31C anteiso type fatty acids and 10-30wt.% 10-30C normal type fatty acids and the sum total of the iso and the anteiso types is at least 60wt.% and the content of the hydroxy-fatty acids is <10wt%. Furthermore, the hydroxy-fatty acids contain ≥60wt.% α-hydroxy-fatty acids and the content of the normal type therein is 50-70wt%. The content of the iso type is 10-30wt% and that of the anteiso type is 0-15wt%. The content of the ω-hydroxy-fatty acids is 0-15wt%.

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